

Sitename	Temperature Sensor Changes
AGUA CANYON	installed, 9/95 on antenna tower tower attached to shelter at 15 feet, ysi standard, 3 gill silver aspirator, extended range ysi installed 7/18/2006, white aspirator on met tower mounted at about 9 feet.
BEAVER DAMS	snotel installed fall 1979, temp sensor "new style" on shelter, entire site moved in 1985 due to mud slide, at some point it is a standard ysi mounted on shelter at 7 feet, to the south about 2 feet out, 8/18/98 moved to tower, 8/11/2004, extended range ysi, white 6 gill aspirator
BEAVER DIVIDE	1978 - 1984 climet sensor mounted in white, directional wind aspirator on antenna tower approximately 12' east of shelter at ~ 20'; 1984 to 1985 std ysi sensor in aluminum aspirator on east side of shelter less than 2' from roof; 1985 - 1987 appears to have been switched back to climet sensor mentioned previously (label changed back to TEMP from TMCC; 1993 to 7/25/01 went back to standard ysi sensor mounted on shelter (see '84-'85); 7/25/01 to present same std ysi sensor moved to met tower from shelter
BEN LOMOND PEAK	1978-1988 climet. 1988-2006 ysi.Mounted on met tower
BEN LOMOND TRAIL	1978-1988 climetronics. 1988-1993 ysi (TMCC). 1993-5/22/04 ysi 9/21/95 photo - sensor mounted on shelter via rod that extents out about 1.5 feet from shelter. 5/20/04 sensor on met tower
BIG FLAT	Climet 10/01/78 - 10/1/88, YSI (TMCC) 10/1/88 - 10/1/093, YSI 10/1/1993 - 6/18/03 3/28/92 photo - sensor on stinger attached to building mounted about three feet above the roof, silver aspirator. By 6/23/03 photo - sensor with silver aspirator on met tower but no evidence of move date between 1992 and 2003. extended range 6/17/2003.
BLACK FLAT-U.M. CK	site installed summer 1979, climatronic sensor, location unknown, likely on shelter at 7 feet, 7/20/99 moved temperature sensor to met tower, from location unknown, 6/02/06, extended range ysi
BOX CREEK	site installed summer 1977, cliimatronics, on shelter, 8/25/98 - moved temp to antenna tower, 6/14/2000 moved to met tower, ysi standard, 3 gill silver asppirator, 7/20/2006, extended range YSI on met tower.

BRIGHTON	YSI (TMCC) 10/1/85-10/01/93 YSI 10/1/93 - 7/24/06 undated photo but site in old location - sensor on rod that is mounted horizontally on building, sticks approx 2 feet from building. 7/20/00 photo - sensor with silver aspirator on met tower. Extended range 7/20/2006
BROWN DUCK	1978-1985 climet. 1985-2003 ysi.8/31/95 photo confirming sensor mounted approx 5' above shelter on met tower. Sensor was moved to new met tower over pillow 6/5/02, confirmed from maintenance check list.
BUCK FLAT	original mounted on shelter facing north about 2 feet from shelter at 8 feet climet sensor, 9/1/1983, ysi standard range, 3 gill silver aspirator mounted on antenna tower at 18 feet, about 5 feet from shelter, 9/9/2002 extended range ysi installed on met tower, white 6 gill aspirator
BUG LAKE	1978-1989 climet. 1989-1993 ysi (TMCC). 1993-7/14/06 ysi 3/29/92 photo - on top of tower, approx 6 ft above shelter roof, tower was located a couple of feet away from shelter. 9/9/97 sensor still in same location.
CAMP JACKSON	86 - 9/17/02 Ysi st. range location uncertain, but 8/17/01 photo indicates installed on ant. Tower (attached to shelter)at ~ 17' height and 5' out with alum radiation shield 9/17/02 extended range ysi with Rm Young 6 vein radiation shield installed on me
CASCADE MOUNTAIN	new site 10/16/02 - sensor with white aspirator mounted on met tower, always extended range ysi.
CASTLE VALLEY	1980 - 6/13/90 climet sensor, with white directinal shield on ant. Tower ~ 20' high. 6/13/90 - 6/3/03 YSI std. range in alum shield ~ 20' high, 1' out from Ant. Tower. 6/3/03 YSI ext. range sensor on met tower ~ 17' high and 5' out with white alum. Sh
CHALK CREEK #1	1978 to 1987 climatronics sensor, location unknown; 1987 to 1992 std ysi sensor and aluminum aspirator mounted on east side of shelter about 2' from north side; 6/24/92 moved std sensor to ant tower 2' southwest shelter and a little above; 9/3/99 installed ext range sensor in old aspirator on met tower; 3/21/01 new ext range sensor installed in same old aspirator; 8/28/05 installed extended range sensor assembly on met tower w/ white aspirator

CHALK CREEK #2	1978 to 1987 climatronics sensor, location unknown; 1987 to 1997 std ysi sensor with aluminum aspirator on short leg attached to antenna tower 2' from and facing shelter; 9/8/97 to present same std ysi sensor moved to met tower and installed at end of 6' pipe
CHEPETA	1979-1988 climet. 1988-2004 ysi.3/26/92 aluminum sensor mounted on brown met tower approx 10" away, 10' up and about 5' away from shelter. Comfirmed from photo.
CLAYTON SPRINGS	at site installation, temperature sensor is standard ysi, on met tower, 7/19/2006, extended range ysi installed
CLEAR CREEK 1	Climet 10/01/78 - 10/1/88 YSI (TMCC) 10/1/88 - 10/1/093 YSI 10/1/1993 - 8/7/02, extended range ysi 8/7/2002
CLEAR CREEK 2	Climet 10/1/78-10/1/87 YSI (TMCC) 10/1/87 - 10/1/93, YSI 10/1/93 - 4/1/02 3/27/92 photo - sensor is mounted on shelter, extends just above the shelter. 6/18/1992 SNOTEL data note - "moved temp sensor from building to tower" (1996 photos, tower looks like it was remote from shelter) extended range ysi, 3/28/2002
CURRANT CREEK	1978-1985 climet. 1985-2002 ysi.8/28/02 change report indicates that new extended range sensor was moved to met tower. 1990 photo confirms sensor mounted on shelter.
DANIELS-STRAWBERRY	1978-1985 climet. 1985-2004 ysi.3/27/92 sensor mounted on shelter, comfired from photo. Sensor moved from shelter to met tower 7/31/00 comfirmed from change report.
DILL'S CAMP	original mounted on shelter to the west at 7 feet and about 2 feet out, silver aspirator, 7/12/2000, moved temp sensor to met tower from shelter, 7/9/2003 installed extended range ysi,
DONKEY RESERVOIR	original location on shelter, type unknown, moved to antenna tower on 7/11/2000 at 17 feet, about 25 feet from shelter, 7/8/2003 extended range ysi, on met tower, silver 3 gill aspirator.
DRY BREAD POND	1978-1988 climet. 1988-1993 ysi (TMCC). 1993-7/6/94 ysi. 9/10/1997 photo - sensor with silver aspirator mounted near top of triax tower. In 3/25/92 photo of shelter, couldn't see sensor on building. 6/21/05 triax tower removed so assume that temp sensor was moved over to met tower at this time

DRY FORK	10/20/94 - 9/14/04 std sensor on ant tower above white metal building; 9/14/04 installed extended range sensor assembly on met tower w/ white aspirator
EAST WILLOW CREEK	site installed 8/6/86 w/ std ysi sensor on short pipe mounted to south side of shelter facing west; 5/21/03 installed extended range sensor assembly on met tower w/ white aspirator
FARMINGTON	1978-1988 climet. 1988-2005 ysi. Sensor located on shelter approx 3' above. Confirmed from photo 3/25/92
FARMINGTON LOWER	2003 extended range new site, standard configuration since install.
FARNSWORTH LAKE	snotel installed august 1977, climatronics sensor, location unknown, likely on shelter, at some point (at least by 10/95) ysi standard range, on antenna tower, about 25 feet from shelter at 18 feet, 8/10/2004 extended range YSI on met tower, white 6 gill aspirator.
FIVE POINTS LAKE	1980 - 2/19/86 Climet sensor with white directional shield, mounted ~ 20' high in tree behind shelter. 2/19/86 - 10/16/01 YSI std. range in alum shield ~ 8' high and 3' out from shelter. 10/16/01 - 10/25/01 YSI std. range on met tower. 10/25/01 - 8/4/0
FRANKLIN BASIN	1978-1988 climet. 1988-1993 ysi (TMCC). 1993-8/2/04 ysi 4/30/97 photo - silver aspirator sensor mounted on top of remote tower
GARDNER PEAK	Extended range ysi in white 6 vaine rm young shild installed on Met tower during site installation 8/26/04 approximate height 17'
GOOSEBERRY R.S. SC	installed 1977, climatronics mounted on tower at 20 feet, tower was 3 feet to south of shelter, 7/24/1990, YSI installed, 3 gill silver aspirator, met tower installed 9/10/2002, temp sensor moved to met tower, extyended range YSI, 6 gill white aspirator.
GUTZ PEAK	Extended range ysi in white 6 gill rm young shild installed on Met tower during site installation 8/26/04 approximate height 17'
HARDSCRABBLE	10/27/93- 7/1/04 ysi 10/28/94 photo - sensor mounted on remote tower

HARRIS FLAT	1978-8/9/89 climet sensor, location unknown, 8/9/89 YSI std. range with Alum shield mounted to Ant. Tower ~ 19' high and 1 foot out. Tower attached to building. 8/4/93 sensor replaced with another YSI std. range uncertain if mounting and height remained
HAYDEN FORK	1978 to 1987 climet sensor (aspirator probably directional white mounted on antenna tower adjacent to shelter); 1987 to 2004 std ysi sensor mounted on short leg off antenna tower 2' northwest of shelter; 8/5/04 installed extended range sensor assembly on met tower w/ white aspirator
HEWINTA	9/20/85 to 8/28/99 site installed w/ standard ysi sensor and aluminum aspirator on south wall of shelter facing west about a foot from west wall (worst possible scenario); 8/28/99 moved existing sensor to new met tower; 9/28/06 installed extended range sensor assembly on met tower w/ white aspirator
HICKERSON PARK	9/17/85 to 10/3/00 site installed w/ standard ysi sensor and aluminum aspirator on south wall of shelter facing west about a foot from west wall (worst possible scenario); 10/3/00 moved existing sensor to antenna tower, 4 feet out; 8/2/01 moved existing sensor to met tower; 7/3/06 installed extended range sensor assembly on met tower w/ white aspirator
HOLE-IN-ROCK	9/18/85 to 9/25/01 site installed w/ standard ysi sensor and aluminum aspirator on south wall of shelter facing east about a foot from east wall (at least it wasn't the west wall); 9/25/01 moved existing sensor to met tower; 6/29/06 installed extended range sensor assembly on met tower w/ white aspirator
HORSE RIDGE	1978-1988 climet. 1988-1993 ysi (TMCC). 1993-11/8/02 ysi. 3/25/92 Sensor with silver aspirator mounted directly to shelter with short j-type mount. Sensor was moved to triax tower by 5/10/2000 (photo shows shelter without sensor mounted to it) and moved to met tower 6/12/03.
INDIAN CANYON	1978-1985 climet. 1985-2002 ysi. 9/15/89 sensor on shelter confirmed by maintenance checklist. Was not moved until 8/27/02.
KIMBERLY MINE	Climetronics 10/1/79-10/1/89, YSI (TMCC) 10/1/1989-10/1/1993, YSI 10/1/93 - 6/23/03 3/28/92 photo - sensor with silver aspirator on triax tower remote from shelter. Extended range ysi, 6/23/2003

KING'S CABIN	<p>1978-1985 climet. 1985-2005 ysi. 9/10/98 sensor was moved from shelter to met tower. Confirmed from SNOTEL DATA note and maintenance checklist. 3/26/92 shows a picture of the sensor mounted on shelter about 3 feet away. 10/7/93 temp and precip connections switched after installing new radio, fixed 10/12/93.</p>
KOLOB	<p>1979 to 6/25/91 climet sensor in directional shield 20's on ant. tower. 6/25/91 to 9/11/01 YSI std. range on ant. Tower ~1' out and 19' up. Tower ~ 15' east of shelter. 9/11/01 ysi std moved to met tower with alum shield, ~ 5' out and ~ 17' high. 8</p>
LAKEFORK #1	<p>1978-1985 climet. 1985-2005 ysi.temp sensor on shelter, confirmed 9/21/89 from mainenance sheet. Picture showing aluminum sensor 3/26/92 on shelter. Don't know when it was moved to met tower. Picture shows alum sensor on met tower 2003 over pillow.</p>
LAKEFORK BASIN	<p>1979 - 4/29/86 climatronics sensor location uncertain. 4/29/86 - 9/28/89 YSI std. range, location uncertain, 9/28/89-8/12/93 YSI std. range, location uncertain. 8/12/93 - 10/16/01 YSI std. range, location uncertain. 10/16/01 - 8/30/06 YSI ext. range on</p>
LASAL MOUNTAIN	<p>1980 -1985 Climet sensor, location unknown, 1985-1987 climatronics sensor, location unknown. site inventory indicates ysi installed 8/30/88, 6/13/89, and 9/8/93. Photo from 6/9/98 and 8/23/01 indicate alum. Radiation shield ~2' out and 17' up ant. Towe</p>
LIGHTNING RIDGE	<p>always on met tower</p>
LILY LAKE	<p>1980 to 1988 climatronics sensor, location unknown; 1988 to 8/15/00 std ysi sensor with aluminum aspirator mounted on short aluminum arm on antenna tower, west of shelter about 5 feet and about 10 feet above roof of shelter; 8/15/00 moved std sensor to met tower; 8/7/05 installed extended range sensor assembly on met tower w/ white aspirator</p>
LITTLE BEAR	<p>1978-1988 climetronics. 1988-1993 ysi (TMCC). 1993-8/2/04 ysi 9/20/95 photo - sensor with silver aspirator mounted near the top of remote triax tower</p>

LITTLE GRASSY	1/19/86 to 9/24/98 climet sensor, mounting??? 9/24/98 to 9/12/05 YSI std. range, Alum radiation shield mounted on Ant tower ~15' heigh, and 5' out on north side of building. 9/12/05 to present, ext. range senor was installed with a 6 vein rm young shield
LONG FLAT	1979- 9/27/90 climet sensor with white directional shield on ant. Tower, ~ 20' high and 20' east of shelter. 9/27/90 - 5/18/05 ysi std. range with alum. Radiation shield on 5' arm ~ 18' up ant. tower, replaced by ysi ext. range in 6 vein RM Young shield 1986 - 8/4/93 YSI std. range alum. Shield attached to shelter at ~ 7' high, and 3' out. 8/4/93 new YSI std. range installed on ant. Tower ~ 15' high and 1' out. Ant. Tower is attached to shelter. 8/3/04 YSI ext. range on met tower at ~ 7' high and 5'
LONG VALLEY JCT	1987-2004 ysi. 3/25/92 sensor mounted on met tower above shelter. Confirmed from photo. Extended range sensor mounted on new met tower 6/30/04.
LOOKOUT PEAK	
LOUIS MEADOW	8/31/99 ysi. Changed to extended range 11/3/99.
MAMMOTH COTTONWOOD	Climet 10/1/78-10/1/85, YSI (TMCC) 10/1/1985-10/1/93, YSI 10/1/1993-7/5/2005 9/5/96 photo - sensor on rod that is horizontally mounted to shelter, extends approx 1.5 ft out from building. BY 7/7/2003 photo, sensor had been moved to remote triax tower approx 12 ft from ground. Found no move date between 1996 and 2003. extended range ysi 6/28/2005 Climetronics 10/1/79-10/1/89, YSI (TMCC) 10/1/1989-10/1/1993, YSI 10/1/93 - 6/18/03 3/28/1992 great photo - sensor is mounted directly to shelter with j-type mount. Sensor has a silver aspirator and extends just above the roof. 12/12/02 photo - silver aspirator sensor mounted on tower remote from shelter (25 - 30 ft uphill (west?) from shelter). 6/18/03 site upgrade. No evidence in snow notes, change sheets, maintenance sheets, or other photos of when temp sensor was moved between 1992 and 2002. extended range ysi 6/18/2003
MERCHANT VALLEY	
MIDWAY VALLEY	1980 - 8/9/89 climatronics sensor, location unknown. 8/9/89 - 6/5/03 Ysi Std. range location unknown. 6/5/03 Ysi xt. Range at 18' high and 5' out from met tower with white alum. Radiation shield.

Mill-D North	<p>YSI (TMCC) 10/1/87-10/01/93 YSI 10/1/93 - 6/21/04 3/25/92 photo - sensor with silver aspirator mounted on tower about 4.5 - 5 ft above roof, tower was attached to shelter. Sometime between 3/23/99 and 6/27/01 another tower was added to the site and was attached to the opposite side of the building from the older tower. Then sometime between 6/27/01 and 1/1/02, a white, 6 gill, sensor was attached to the new tower at about 3 ft above the shelter, this was in addition to the other silver temp sensor. A new met tower and extended range sensor were installed on 6/3/04 during the csi upgrade. A 4/14/06 photo clearly shows both white sensors still at the site...not sure when the sensor with the silver aspirator was removed.</p>
MINING FORK	<p>9/22/88 site installed w/ standard ysi sensor with aluminum aspirator on short aluminum arm on antenna tower adjacent to shelter and about 4 feet above roof; 7/13/05 installed extended range sensor assembly on met tower w/ white aspirator</p>
MONTE CRISTO	<p>1978-1987 climet. 1987-1993 ysi (TMCC). 1993-7/14/06 ysi 3/25/92 photo- sensor with silver aspirator mounted on tower remote from shelter</p>
MOSBY MTN	<p>1978-1986 climet. 9/1/87-2003 ysi. 8/21/02 confirmed from maintenance checklist a short elbow with aspirator mounted on met tower. Photo of sensor above shelter pre 1996 (no fence intalled at site until 7/25/96)</p>
PARLEYS CANYON	<p>Climet 10/1/78-10/1/1990, YSI (TMCC) 10/1/1990-10/1/1993, YSI 10/1/93-5/23/03 9/27/95 photo - sensor with silver aspirator is mounted on tower remote from shelter at approx 9.5 ft from ground. 5/19/03 photos - new extended sensor and met tower (near pillows) were installed and the old triax tower was removed</p>
PARRISH CREEK	<p>8/2/99-11/04/99 ysi</p>

PAYSON R.S.	<p>Climetronics 10/1/79-10/1/91, YSI (TMCC) 10/1/1991-10/1/1993, YSI 10/1/93 - 11/19/01 1990 black & white - sensor with silver aspirator mounted 3.5 - 4 ft above shelter on tower located about three feet from shelter. 5/22/03 photo- sensor in same location but attached to a rod that extends approx 3 ft from tower. 6/7/05 photo - white aspirator moved over to met tower by pillow. extended range ysi 11/16/2001</p>
PICKLE KEG	<p>installed fall of 1976, 1 climet sensor, 1 thiokol sensor. original mounting unknown, YSI installed 8/1/1989 on antenna tower 20 feet, 3 gill silver aspirator, met tower installed 9/3/2003, extended range YSI. 7/14/2005 hit by tree, extended range YSI replaced. 6 gill white aspirator.</p>
PINE CREEK	<p>YSI (TMCC) 10/1/84-10/01/93 YSI 10/1/93 - 7/25/05 3/28/92 photo - sensor with silver aspirator attached to shelter extends. 7/21/05 sensor with white aspirator on met tower. Extended range ysi 7/25/2005</p>
RED PINE RIDGE	<p>snotel installed fall of 1976, original sensor climet, on shelter, moved to antenna tower at some point, on 6/1/1987 changed to YSI standard range, 7/22/99 met tower installed temp moved from antenna tower to met tower, 3 gill silver aspirator, 11/8/2004, extended range ysi.</p>
ROCK CREEK	<p>1979-1985 climetronics. 1985-2005 ysi. Photo of sensor on shelter (note radiative heat around shelter)</p>
ROCKY BASIN-SETTLEMENT	<p>1980 to 9/24/84 climetronics sensor located on antenna tower adjacent to shelter in old location on south side of basin (quite shady); 9/24/84 entire site moved to north side of basin because of repeated flooding and siltation of pillows (new location much more sunny), same temp sensor and aspirator mounted on antenna tower some 8/7/1987, ysi standard range, 3 gill silver aspirator, mounted on shelter to the west at 8 feet and 8 feet out</p>
SEELEY CREEK	<p>snotel installed in 1976, original sensor was climet and translator, location unknown likely on shelter, 8/30/93 ysi installed, 9/12/2006 extended range ysi.</p>
SMITH & MOREHOUSE	<p>YSI (TMCC) 10/1/88-10/01/93 YSI 10/1/93 - 12/19/01 5/23/03 photo - white, 6-gill aspirator mounted on met tower, no earlier photos found. Extended range ysi 12/19/2001</p>
SNOWBIRD	

STEEL CREEK PARK	1979 - 1985 climet sensor mounted in white, directional wind aspirator on antenna tower; 1986 - 8/24/99 std ysi
STRAWBERRY DIVIDE	1978-1988 climet. 1988-2003 ysi. 8/14/96 Brown shelter was replaced with white, sensor was mounted approx 5' above shelter on met tower. Confirmed by photo.
TEMPLE FORK THAYNES CANYON	always on met tower 1988-2003 ysi Climet 10/1/78-10/1/1988, YSI (TMCC) 10/1/1988-10/1/1993, YSI 10/1/93-6/30/05 3/27/92 photo- silver aspirator, mounted on remote tower approx 5.5 - 6 ft above the shelter. 8/2/00 SNOTEL note - installed met tower over pillows and moved temp and depth to it. extended range ysi 6/24/2005
TIMPANOGOS DIVIDE	1978-1991 climet. 1991-1993 ysi (TMCC). 1993-1/23/04 ysi 5/9/06 sensor with white aspirator attached to shelter, mounted to rod that extends out horizontally about 2-2.5 ft out. Not in this location in earlier photos i.e. 1992 or 1997, but can't see where it is. Sensor moved from shelter to met tower during csi
TONY GROVE LAKE	
TRIAL LAKE	1979 - 10/7/93 climet sensor mounted in white, directional wind aspirator on antenna tower 10 feet south of shelter at ~ 19 feet height; 10/7/93 std ysi sensor in aluminum aspirator on short, bent aluminum pipe mounted on antenna tower; 8/12/98 moved std ysi sensor to met tower; 6/24/04 installed extended range sensor assembly on met tower w/ white aspirator
TROUT CREEK	1978-1983 climet. 1983-1985 climetronics. 1985-1986 climet. 1986-2002 ysi. moved ysi sensor to met tower 7/14/99. Confirmed from maintenance checklist and SNOTEL DATA note.
VERNON CREEK	1979 - 5/1/89 climet sensor mounted in white, directional wind aspirator near top of 20' antenna tower 13' northwest of shelter; 5/1/89 std ysi sensor installed on antenna tower in same place as previous sensor; 5/16/02 installed extended range sensor assembly on met tower w/ white aspirator
WEBSTER FLAT	1980 - 6/12/90 climet sensor with white directional shield on ant. Tower ~ 20' height. Ant. Tower is ~ 5' from shelter. 6/12/1990 - 8/3/1993 YSI std. range in alum shield ~ 20' high and 1' out from ant. Tower. 8/3/93 - 7/31/03 YSI std. range, mountin

WHITE RIVER #1

1978-1988. 1988-2003 ysi. No evidence of historical sensor location.

WIDTSOE #3

snotel installed fall of 1976, climet sensor on shelter, 6/11/1987, standard ysi, mounted to shelter to the west at 9 feet and about 2 feet out, 7/29/2003 extended range ysi on antenna tower, silver 3 gill aspirator, 7/9/2006 moved to met tower.